



**STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
COLUMBIA ENVIRONMENTAL FIELD OFFICE**

**1421 HAMPSHIRE PIKE  
COLUMBIA, TENNESSEE 38401  
PHONE (931) 380-3371    STATEWIDE 1-888-891-8332    FAX (931) 380-3397**

October 23, 2013

Honorable Carl Cooper, Mayor  
Town of Chapel Hill  
P.O. Box 157  
Chapel Hill, TN 37034

Re: Compliance Evaluation Inspection  
Chapel Hill STP  
NPDES Permit No. TN0064670  
Chapel Hill, Marshall County, Tennessee

Dear Mayor Cooper:

On September 26, 2013 I conducted a Compliance Evaluation Inspection (CEI) Chapel Hill Wastewater Treatment Plant in Chapel Hill, TN. A CEI is conducted to determine compliance with the permit and to review the operation and maintenance of the treatment system. The following comments are for your consideration:

1. The current permit became effective on June 1, 2103 and shall expire on May 30, 2018.
2. A review of the Discharge Monitoring Reports (DMR's) and Monthly Operation Reports (MOR's) submitted to this office since the previous was conducted. The operator has received assistance from a representative of the Fleming Training Center and the Tennessee Association of Utility Districts (TAUD) to assist with resolving the Bio-Chemical Oxygen Demand (BOD) non- compliance being reported. An additional aerator and enzymes from Bio-Chem Industries have been added to lagoon #1 in an attempt to bring the analytical results into permit compliance. This has improved the number of exceedances but has not totally resolved the issue.
3. The level of sludge in each lagoon was measured in September 2013.
4. The laboratory is equipped to run the analytical testing requirements of the permit. The laboratory equipment is scheduled for annual calibration by Labtronix in October 2013. The town has corrected or updated the deficiencies noted during a Performance Audit Inspection (PAI) conducted in September 2012.

5. Two new pumps have been installed in the Morningside Street lift station. The lift station on Maple Street has been upgraded with all new equipment since the previous inspection. The Town of Chapel Hill has applied for a grant to rehab the force main from the Morningside lift station to the treatment plant. Any overflows or bypasses in the collection system are reported as required in the permit and a report is included with the monthly DMR.
6. The effluent discharging from the treatment plant on the day of the inspection was clear. The treatment plant is enclosed with a perimeter fence with a locked gate. The outfall at the Duck River is posted with the sign requirements of the permit.

This concludes my observations. I would like to thank Mr. Helmick and Mr. Groves for their time and cooperation during the inspection. If you have any questions you may reach me at 1-931-840-4166 or by e-mail at [gary.horne@tn.gov](mailto:gary.horne@tn.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Gary Horne", with a stylized flourish at the end.

Gary Horne  
Division of Water Resources